

# Delta Restoration Framework: a vision of restoration success

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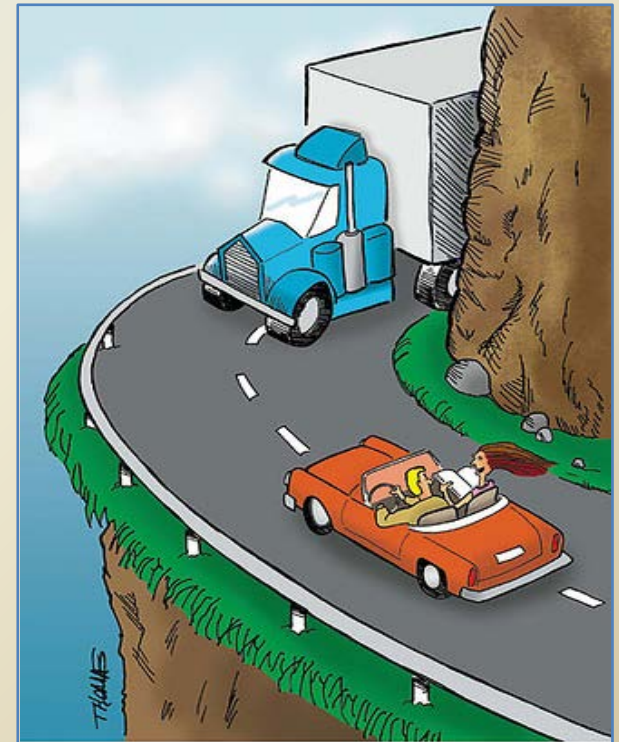
# Vision + commensurate action

## 1. A vision of success



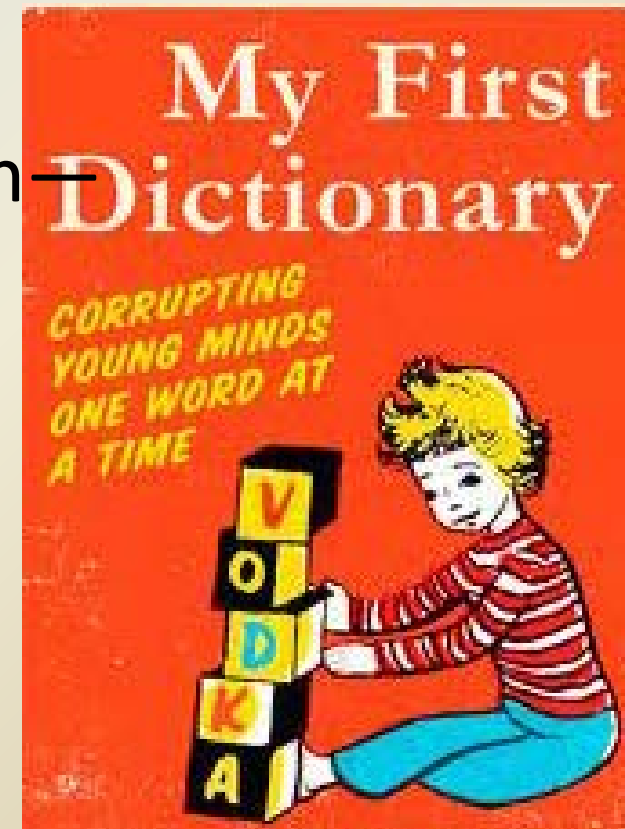
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5. Two sorta big ideas...





# 1. A vision of restoration success

- Keep native species off the ES list.
- Water supply is as reliable as possible.
- Delta communities and working landscapes thrive.
  - Trusted and effective
  - Permits are issued, BiOps resolved, SMP completed
  - Native species are resilient in change context
  - Landscape pattern and process is #1 PM

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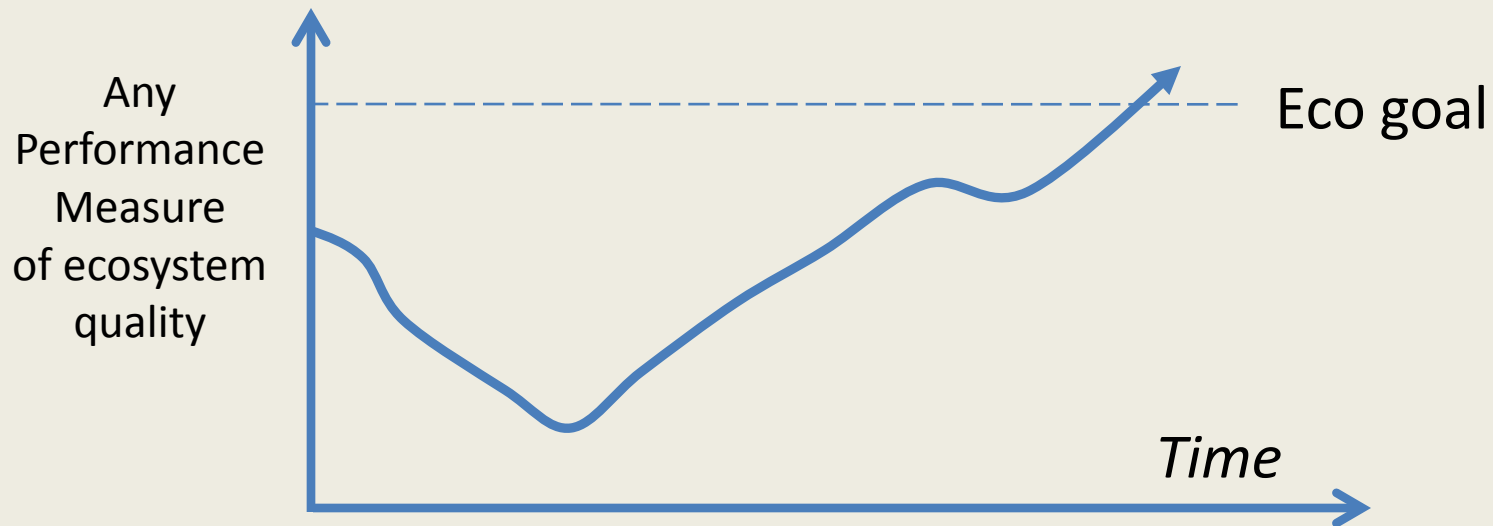


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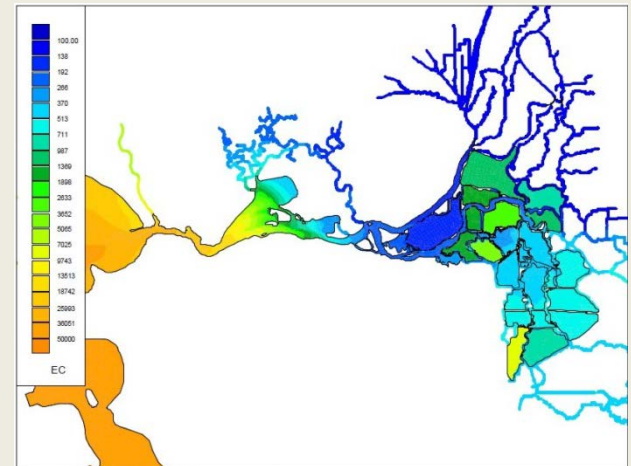


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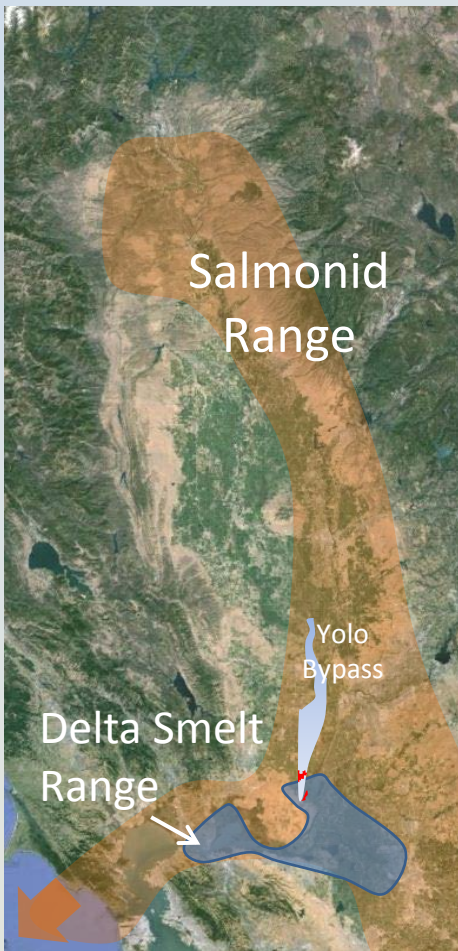
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- Invasive species will continue to muck things up

3. An accurate problem/opportunity definition—scope and scale...

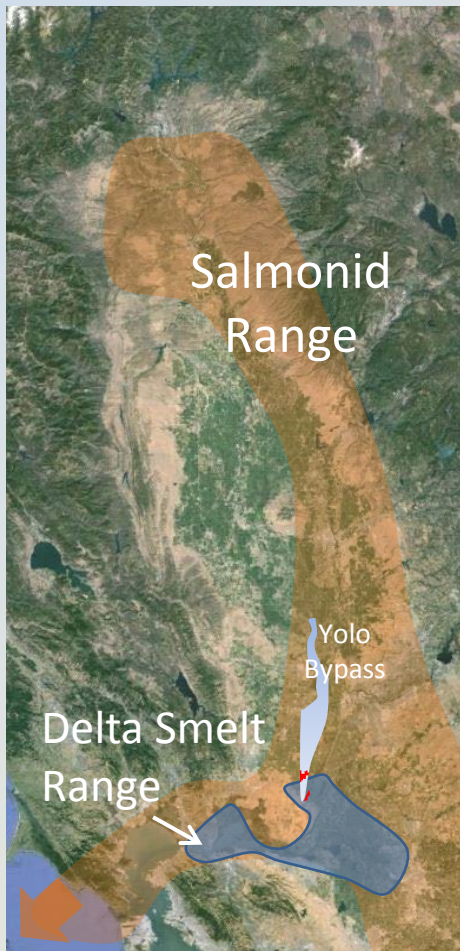
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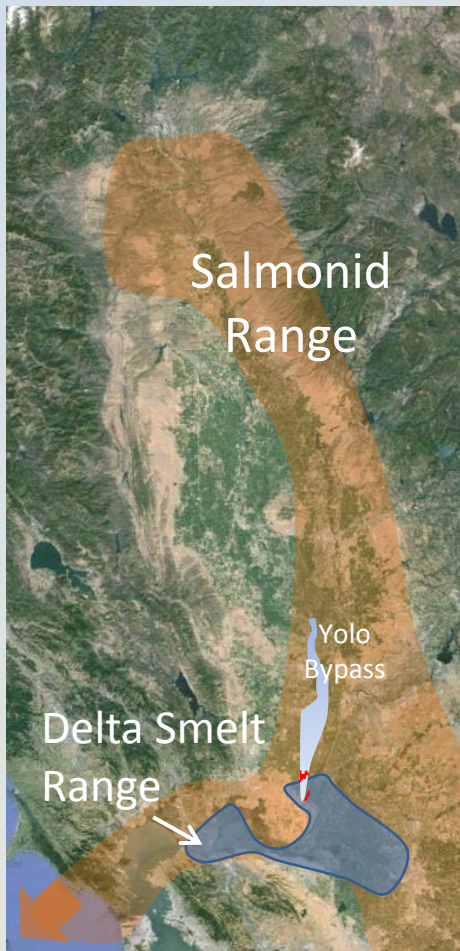
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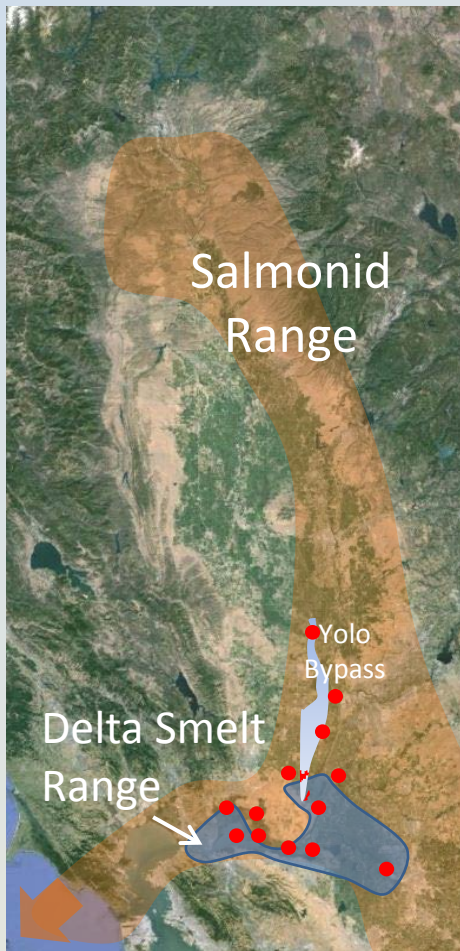


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  - Landscape-scale strategy
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*Balance scientific  
rigor with  
Social/political input  
and direction*

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“Within 20-25 or so years, use \$2-4B dollars to modify ~100 thousand acres to maximize native species resilience and water supply reliability in a working landscape context”

3. An accurate problem/opportunity definition—scope and scale...

It's a truly wicked problem

But it's ok

## 4. *Therefore*, “principles” for success

- Respond to the restoration challenge as it is.
- Recovery is the goal, but PM’s should emphasize trajectory of processes and patterns.
- Restoration is an investment in time.
- Judge restoration at species life-history scale
- Work with nature, let nature do the work.
- Property boundaries do not ecosystems make.
- Local knowledge is indispensable.
- Emphasize working landscape opportunities
- Other stuff like flows and stressors also matter...



# 5. Two big ideas

## 1. Regional conservation strategies



“How can we connect the Delta landscape to maximize the resilience of native species and water supply reliability in the context of heritage land use?”

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## 1. Regional conservation strategies

- The locus of restoration adaptive management and “best available science”
- Does the continuous work of adaptively managing 101 moving parts while asking “what if” and “so what”



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- 2. A restoration “hub” organization
  - Ad hoc approaches don’t scale.



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## 2. A restoration “hub” organization

- We imagine a “situation room”
  - Interdisciplinary collaboration on synthesis, models, GIS, visualization. *Run alternative futures to ground.*
  - Stakeholders can directly engage and reality check

Everyone can ask “what if,” a lot

# Thank you

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